

AMENDMENTS TO THE CLAIMS

The listing of claims will replace all prior versions and listing of claims in the application.

LISTING OF THE CLAIMS

Claim 1. (Currently Amended): A rear view mirror control circuit arrangement for a vehicle having at least two rear view mirror assemblies each having a housing and respective motors located external of said vehicle, said motors adapted and mechanically coupled to mirror elements so as to control the position of said mirror element with respect to said vehicle, said control circuit arrangement comprising:

a common electronic motor control circuit located internal of said vehicle for providing substantially all necessary circuitry for supplying a voltage to and controlling each said motor and predetermined other functions of said rear view mirror assembly.

Claim 2. (Currently Amended): A rear view mirror control circuit according to claim 1 wherein said common electronic control circuit controls a motor located in said rear view mirror assembly, said common electronic control circuit being located internal of said vehicle.

Claim 3. (Original): A rear view mirror control circuit according to claim 1 wherein said common electronic control circuit is co-located with control elements for use by a driver of said vehicle.

Claim 4. (Currently Amended): A rear view mirror control circuit according to claim 1 further comprising at least one sensor in said rear view mirror assembly, said rear view mirror control circuit responding to a signal from said at least one sensor said signals to control one or more of said predetermined other functions of said rear view mirror assembly.

Claim 5. (Previously Presented): A rear view mirror control circuit according to claim 1 further comprising a heat generating member located within at least one of said at least two rear view mirror assemblies.

Claim 6. (Previously Presented): A rear view mirror control circuit according to claim 1 further comprising a light emitting member located within at least one of said at least two rear view mirror assemblies.

Claim 7. (Previously Presented): A rear view mirror control circuit according to claim 1 further comprising an electrochromic glass member located within at least one of said at least two rear view mirror assemblies.

Claim 8. (Currently Amended): A rear view mirror control circuit arrangement for a vehicle having at least two rear view mirror assemblies each having a housing and respective motors located external of said vehicle, said motors adapted and mechanically coupled to mirror elements so as to control the position of said mirror element with respect to said vehicle, said control circuit arrangement comprising:

a common electronic motor control circuit located internal of said vehicle for providing substantially all necessary circuitry for supplying a voltage to and controlling each said motor and predetermined other functions of said rear view mirror assembly; and

at least one sensor in said rear view mirror assembly, said rear view mirror control circuit responding to said signals to control one or more of said predetermined other functions of said rear view mirror assembly.

Claim 9. (Currently Amended): A rear view mirror control circuit according to claim 8 wherein said common electronic control circuit controls a motor located in said rear view mirror assembly, said common electronic control circuit being located internal of said vehicle.

Claim 10. (Previously Presented): A rear view mirror control circuit according to claim 8 wherein said common electronic control circuit is co-located with control elements for use by a driver of said vehicle.

Claim 11. (Previously Presented): A rear view mirror control circuit according to claim 8 further comprising a heat generating member located within at least one of said at least two rear view mirror assemblies.

Claim 12. (Previously Presented): A rear view mirror control circuit according to claim 8 further comprising a light emitting member located within at least one of said at least two rear view mirror assemblies.

Claim 13. (Previously Presented): A rear view mirror control circuit according to claim 8 further comprising an electrochromic glass member located within at least one of said at least two rear view mirror assemblies.

Claim 14. (Currently Amended): A rear view mirror control circuit arrangement for a vehicle having at least two rear view mirror assemblies each having a housing and respective motors located external of said vehicle, said motors adapted and mechanically coupled to mirror elements so as to control the position of said mirror element with respect to said vehicle, said control circuit arrangement comprising:

a common electronic motor control circuit located internal of said vehicle for providing substantially all necessary circuitry for supplying a voltage to and controlling each said motor and predetermined other functions of said rear view mirror assembly; and

at least one sensor in said rear view mirror assembly, said rear view mirror control circuit responding to said signals to control one or more of said predetermined other functions of said rear view mirror assembly;

wherein said common electronic control circuit controls a motor located in a said rear view mirror assembly, said common electronic control circuit being located internal of said vehicle.

Claim 15. (Previously Presented): A rear view mirror control circuit according to claim 14 wherein said common electronic control circuit is co-located with control elements for use by a driver of said vehicle.

Claim 16. (Previously Presented): A rear view mirror control circuit according to claim 14 further comprising a heat generating member located within at least one of said at least two rear view mirror assemblies.

Claim 17. (Previously Presented): A rear view mirror control circuit according to claim 14 further comprising a light emitting member located within at least one of said at least two rear view mirror assemblies.

Claim 18. (Previously Presented): A rear view mirror control circuit according to claim 14 further comprising an electrochromic glass member located within at least one of said at least two rear view mirror assemblies.